



Question Paper

Module 7:	Flour Milling Management	
Date: 15 May 2014	Time: 09:30 – 12:30	Duration: 3 hours

You should have the following for this examination: **one answer book; pen and calculator.**

All questions carry equal marks. The maximum marks for each section within a question are shown. Answer **ALL NINE** questions, starting each new question (1-9) on a **new** page of the answer book.

1.
 - a) List **FOUR** of nabim’s objectives. (4 marks)
 - b) List **FOUR** organisations with which nabim communicates in order to achieve these objectives. (2 marks)
 - c) Describe briefly the structure of the UK baking industry. (3 marks)
 - d) Name **TWO** countries where the largest growth in flour milling capacity has occurred in recent years and provide **TWO** reasons. (3 marks)

2.
 - a) Explain briefly the role of a UK milling company wheat buyer. (3 marks)
 - b) Describe briefly the key factors which can influence the market value of a specific type of wheat over the course of a harvest year. (3 marks)
 - c) List **SIX** pieces of information required to calculate the value of an individual batch of wheat. (3 marks)
 - d) Describe briefly the main objectives of gristing for a flour milling company. (3 marks)

3.
 - a) Calculate the cost of 1 Tonne of flour from the following information.

Wheat Type	Cost per Tonne (£)	% in Grist
CWRS	300.00	25
EU	180.00	25
UK	160.00	50

Assume a Dirty Wheat Extraction Rate of 80%.

Wheatfeed is valued at £120.00 per tonne. There is no milling gain or loss.

(Show all workings and declare answers to 2 decimal points.) (6 marks)

- b) Describe briefly the term ‘Capital Investment’ and list the **TWO** main categories. (3 marks)
- c) Describe briefly how ‘Depreciation’ is calculated. (3 marks)

continued overleaf

4. a) List SIX costs typically incurred by a flour milling company's sales department. (3 marks)
- b) Explain how the financial contribution from the sale of wheatfeed is accounted for in a product costing exercise. (2 marks)
- c) Describe briefly THREE different means by which a milling company can maximise profitability, and provide ONE example of each. (6 marks)
- d) State the main aim of a flour milling company. (1 Mark)
5. a) Describe the process of 'Product Development'. (6 marks)
- b) List the SEVEN principles upon which HACCP is founded. (4 marks)
- c) Name the TWO main types of food safety hazard identified within a flour mill. (2 marks)
6. a) Describe briefly the role of the technical department within a flour milling company. (6 marks)
- b) Describe briefly SIX advantages of building a new flour milling facility over developing an existing site. (6 marks)
7. a) Describe briefly SIX responsibilities of the operations management team. (6 marks)
- b) Define the THREE key achievements to be obtained from effective project management. (3 marks)
- c) List SIX stages of a project. (3 marks)
8. a) Describe the THREE main objectives of a flour mill's health and safety management system. (6 marks)
- b) List SIX causes of fire in a flour mill and provide ONE example of each. (6 marks)
9. a) Describe briefly THREE hard skills and THREE soft skills required by a frontline manager. (6 marks)
- b) List SIX employment rights which all employees, who are parents, are entitled to under UK legislation. (3 marks)
- c) Explain THREE benefits a milling company can gain from delivering a planned approach to training. (3 marks)